Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Tuesday 19 Dec 2023 until 23:59 on Wednesday 20 Dec 2023

Forecast Issued on Monday 18 Dec 2023 at 09:37

Confidence: High confidence for an unsettled and windy week.

Headline for Tuesday 19 Dec 2023: Early rain clearing to sunshine and blustery showers.

Mountain weather hazards on Tuesday 19 Dec 2023

Blizzards
No Likelihood

Gales
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
High Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light rain	Cloudy	Sunny intervals	Sunny intervals	Light rain showers	Partly cloudy (night)	Light rain showers (night)
Precipitation probability							
30%	60%	20%	20%	30%	40%	30%	50%

Forecast for Tuesday 19 Dec 2023

Weather: Cloudy with outbreaks of generally light rain through the early hours, becoming dry and bright by dawn. Staying dry and fine through the morning but scattered showers feeding in from the north at times during the afternoon.

Chance of cloud-free hill tops above 800m: 20% at first, improving to 90% by dawn, 70-80% during the afternoon.

Low cloud and visibility: Scattered or broken low cloud base 500-700m at first, soon clearing. Few or scattered cloud base 700-800m in association with showers. Visibility moderate at times in rain or showers, otherwise good.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Tuesday 19 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	26/31 W	23/28 W	28/34 W	34/41 W	37/47 W	41/52 W	42/54 W	42/54 W	43/56 W
600	21/28 W	17/22 W	21/28 W	24/34 W	29/40 W	31/44 W	32/45 W	32/46 W	33/48 W
300	8/21 W	6/16 W	7/21 W	9/27 W	13/32 W	14/36 W	14/35 W	14/36 W	16/38 W
Valley	8/21 W	6/18 W	8/22 W	9/27 W	13/31 W	14/33 W	13/33 W	14/34 W	17/37 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	3/-3	2/-4	1/-6	-0/-9	0/-9	0/-9	-0/-10	-0/-9	0/-9
600	5/-0	4/-1	3/-3	2/-5	2/-4	2/-5	2/-5	2/-5	2/-5
300	7/5	6/4	5/3	4/1	5/1	5/1	5/0	5/0	5/0
Valley	9/7	8/6	7/5	7/4	8/4	7/4	7/4	7/4	7/4
Freezing Level*	1400m	1300m	900m	800m	900m	900m	900m	900m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling very cold at height, be prepared with appropriate layers.

Forecast for Wednesday 20 Dec 2023

Weather: There will be frequent heavy showers during the early hours of Wednesday before a band of rain arrives from the west by morning, this generally light but lingers throughout the day. Very windy throughout.

Maximum wind: Westerly 20-25mph, gusting 35-45mph

Chance of cloud-free hill tops above 800m: 20%

Low cloud and visibility: Scattered or broken cloud base 500-700m, becoming broken or overcast when the rain band arrives. Visibility moderate in rain or showers, poor in hill fog.

Temperature: **Valleys:** Plus 7 rising to plus 10 Celsius
At 800m: Plus 2 rising to plus 5 Celsius
Freezing level: 1000m soon rising well above summits

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Monday 18 December. Location: Raise summit at 11:10. Full report: A similar day to the last couple of days in the Lakeland fells, which have been quite challenging. and defined by poor visibility, persistent light rain, and strong winds. With continued mild temperatures, many of the remaining snow patches have been thawing and the majority of the fells are snow-free. Any remaining snow patches are generally found above 750-800m on and around Helvellyn and its surrounding fells on north and east-facing slopes. Popular routes such as Striding and Swirral Edge are also snow-free. However, the temperature is forecast to drop tomorrow to around 900m and any precipitation may fall as snow on the higher tops. Anyone heading up high tomorrow should be prepared for a wintery day with windchill (feels-like temperature) well into minus figures. Full winter clothing (waterproofs, extra warm layers, hat & gloves), a map, compass, and headtorch are all essential. Microspikes and walking poles may also be a sensible addition to your rucksack. Temperature: plus 7.2C. Maximum wind speed 40.6mph. Wind chill: Plus 0.4C. Average wind speed: 32.2mph.

Issued at: 1704 on Mon 18 Dec 2023

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